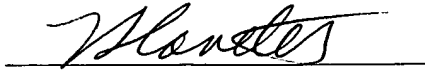


PATENT
Docket No. 146712002800
Client Ref. SEA3018



CERTIFICATE OF HAND DELIVERY

I hereby certify that this correspondence is being hand filed with the United States Patent and Trademark Office in Washington, D.C. on December 20, 2001.


N. Slaveter

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Qixu CHEN et al.

Serial No.: to be assigned

Filing Date: December 20, 2001

For: RUTHENIUM-ALUMINUM
UNDERLAYER FOR MAGNETIC
RECORDING MEDIA

Examiner: to be assigned

Group Art Unit: to be assigned

#2
D. G.
2-4-02

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97**

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted with the application; accordingly, no fee or separate requirements are required.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is to the best of my knowledge and is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 146712002800. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: December 20, 2001

Respectfully submitted,

By: 

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